

QP Code: 522006

Reg. No.....

**Fifth Semester B. Pharm Degree Supplementary Examinations
December 2023
Formulative Pharmacy
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers*
- *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essays

(2x10=20)

1. Discuss the various techniques used in preparation of pharmaceutical pellets. Add a note on the equipment used for the manufacture of pellets.
2. Briefly explain the quality control tests for a) In process b) Finished products for Tablets. Describe two methods of tablet coating.

Short Notes

(7x5=35)

3. Describe the working of a semi-automatic capsule filling machine.
4. Explain Toothpastes.
5. Explain the filling and sealing of ampoules.
6. Hydrolysis and Polymerization.
7. Stability studies of Pharmaceutical Aerosols.
8. Classify Capsules. Define bloom strength and its significance.
9. Briefly explain the method of dry granulation for tablets.

Answer Briefly

(10x2=20)

10. Enlist the types of aerosol system.
11. Explain sterile powders
12. Define direct compression method.
13. Write the formula for vanishing cream.
14. What are pyrogens.
15. What are eye ointments.
16. Importance of isotonicity.
17. Sunscreens.
18. Valves for Aerosols.
19. Classification of tablets.
